

**Lands Geological Survey Division  
GEOLOGICAL LABORATORY SERVICES SECTION  
(PETROLAB)**

**REPORT OF LABORATORY ANALYSIS**

Client	<b>KEVIN BIEN TEE</b>
Project / Company	Geologic Quadrangle Mapping Project
Mailing Address	North Avenue, Diliman, Quezon City
Telephone No.	
Request No.	1816.046
Date of Request	05/26/2016
Amount Payable	₱4, 650.00
OR No. / Date	Official
Type of Analysis	Petrography
No. of Sample	3
Type of Sample	Rock
Sample Preparation	<input checked="" type="checkbox"/> Thin section <input type="checkbox"/> Polished section <input type="checkbox"/> Polished-thin section
Other Procedures	<input type="checkbox"/> Staining test for K-feldspar <input type="checkbox"/> Photomicrography
Result of Analysis	Please see attached result of analysis comprising two (2) pages.

Analysts: **MARIA INA KATRINA D. BONDAL**

Date: June 9, 2016

Recommending Approval:

  
**MARIA SALLY P. SAGRAGAO**  
Chief, Petrography and Mineragraphy Laboratory Unit

  
**MA. ELVETA C. COMSTI**  
Section Chief, PETROLAB, Lands Geological Survey Division

Approved by the Authority of the Director  
of Mines and Geosciences Bureau:

  
**LILIAN A. ROLLAN**  
Chief, Lands Geological Survey Division

Mines and Geosciences Bureau  
Lands Geological Survey Division

RESULTS OF PETROGRAPHIC ANALYSIS

Investigator:	KEVIN BIEN TEE
Project:	Geological Quadrangle Mapping Project
Request No.:	1816.046

SAMPLE MARK	ROCK NAME	COMPOSITION	REMARKS	ANALYST
18Y-MB-002	ANDESITE	<u>Phenocrysts:</u> Plagioclase (An<50) Hornblende <u>Groundmass:</u> Glass Feldspar Microlites Opaques <u>Secondary Minerals:</u> Chlorite Quartz Calcite Goethite <u>Accessory Minerals:</u> Opaques	Porphyritic texture. Fine- to coarse-grained plagioclase laths, measuring approximately 0.23 to 9.47 mm, have glass + opaques + calcite inclusions within the core. Opaques + goethite occur along edges of hornblende grains. Plagioclase insets are slightly affected by brown chlorite + quartz + goethite alterations.	MIKD Bondal
18Y-MB-004	ANDESITE	<u>Phenocrysts:</u> Plagioclase (An<50) <u>Groundmass:</u> Feldspar Microlites Glass Quartz + Chlorite + Opaques + Clay + Goethite <u>Secondary Minerals:</u> Quartz Opaques Clay Chlorite	Porphyritic texture. Fine- to medium-grained plagioclase grains exhibit zoning and twinning. These laths measure to about 0.36 to 2.63 mm. Some plagioclases are altered by opaques.	MIKD Bondal

